

arithmetic control means for identifying a shape of the lens fixing jig, wherein the

arithmetic control means measures a size of an outer shape of the lens fixing jig based on both
the moving distance of the measuring element and a signal from the measuring unit.

2. (Amended) The lens shape measuring apparatus according to claim 1, wherein the lens rotation shaft is swung to be brought close to and to be separated from the measuring element.

3. (Amended) The lens shape measuring apparatus according to claim 1, wherein the measuring element includes a pair of feelers to be brought into contact with the lens to be processed.

4. (Amended) The lens shape measuring apparatus according to claim 1, wherein the measuring unit includes a measuring element moving amount detecting mechanism.

5. (Amended) The lens shape measuring apparatus according to claim 1, wherein the arithmetic control means controls the lens rotation shaft according to a measuring element moving amount detecting signal of the measuring unit.

6. (Canceled).

7. (Amended) A lens shape measuring apparatus, comprising:

a lens fixing jig installed in a lens to be processed to clamp the lens;

a lens rotation shaft for clamping and rotating the lens to be processed;

a measuring element abutted on a refracting surface of the lens clamped by the lens rotation shaft;

a measuring unit for measuring a moving distance of the measuring element in a direction roughly parallel to the lens rotation shaft; and

arithmetic control means for moving a tip of the measuring element relatively in the direction roughly parallel to the lens rotation shaft, measuring a distance from a measuring

reference position of the measuring element to an abutting position of the same by the measuring unit, and identifying a shape of the lens fixing jig based on a result of the measurement, wherein the arithmetic control means measures a size of an outer shape of the lens fixing jig.

8. (Amended) A lens shape measuring apparatus, comprising:

a lens fixing jig installed in a lens to be processed to clamp the lens;

a lens rotation shaft for clamping and rotating the lens to be processed;

a measuring element abutted on a refracting surface of the lens clamped by the lens rotation shaft;

measuring element rotating means for controlling rotation of the measuring element around a rotation shaft roughly parallel to the lens rotation shaft;

a measuring unit for measuring a moving distance of the measuring element in a direction roughly parallel to the lens rotation shaft; and

arithmetic control means for rotating a tip of the measuring element around the lens rotation shaft, and identifying a shape of the lens fixing jig based on a distance of an abutted position of the tip of the measuring element from a measuring element reference position, wherein the arithmetic control means measures a size of an outer shape of the lens fixing jig.

REMARKS

Favorable reconsideration of this application, in light of the present amendment and the following discussion, is respectfully requested.

Claims 1-5, 7, and 8 are pending in this application, claim 6 having been canceled, without prejudice or disclaimer, and claims 1-5, 7, and 8 having been amended, by the present amendment.

In the outstanding Office Action, claims 1-8 were rejected under 35 U.S.C. § 102(b) as being anticipated by *Shibata*.